



165-214A  
JB  
6/24/03  
PATENT  
601-1-098CIP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : Ryazanov, A.

SERIAL NO. : 09/832,292  
FILED : April 10, 2003

EXAMINER : Hutson, Richard G.  
ART UNIT : 1652

FOR : MAMMALIAN ALPHA KINASE PROTEINS, NUCLEIC ACIDS  
AND DIAGNOSTIC AND THERAPEUTIC USES THEREOF

CERTIFICATE OF MAILING UNDER 37 CFR 1.8

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Christine E. Dietzel , Reg. No.37,309  
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Betty Schultz 6/10/03  
(Signature and Date)

AMENDMENT

COMMISSIONER FOR PATENTS  
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TECH CENTER 1600/2900

Dear Sir:

In response to the communication dated March 11, 2003, due for response June 11, 2003, please consider the following amendments and remarks.